

Institute for Computing in Science (ICiS)
Summer Session 2010, Snowbird, Utah
Session 1 – Computational Methods and Terabase Metagenomics, July 17-24, 2010

Saturday, July 17	All Day	Arrival Day – check-in with onsite ICiS staff	ICiS Office – Board Room
Sunday, July 18	10am	Breakfast Buffet	Maybird Room
	6-9pm	Meet and Greet	Suite 617 The Lodge
Monday, July 19	8-9am	Continental Breakfast	Maybird Room
	9-10	Introduction (Folker Meyer)	
	10-10:30	Break	
	10:30-noon	<i>Inspirational Talk</i> - “Trillion Base Pair Metagenomics” (Rick Stevens)	
	Noon-1pm	Box Lunch	Maybird Room
	1-2	Overview of participant interest talks (led by Jack Gilbert)	
	2-3:30	Designing Terabase Projects (led by Rick Stevens)	
	3:30-4	Break	
	4-6	<i>Breakout Session</i> – “Technical Feasibility – Sampling, Nucleic Acid Isolation and Sequencing” (led by Rob Knight and Janet Janssen)	Maybird Room, Wasatch A and Board Room available
Tuesday, July 20	9-9:30am	Coffee Only	Maybird Room
	9:30-9:45	Introduction and Housekeeping (Rick Stevens)	
	9:45-10:45	<i>Inspirational Talk</i> – “The Future of Computational Infrastructure for Metagenomics” (Folker Meyer)	
	10:45-11:15	Coffee Only Break	
	11:15am-1:15pm	<i>Breakout Session</i> – “Everything is Everywhere? – Answering Ecological Questions with Terabase Metagenomics” (led by Jack Gilbert and Rick Stevens)	Maybird Room, White Pine and Board Room available
Wednesday, July 21	8-9:30am	Continental Breakfast	Maybird Room
	9:30-9:45	Introduction and Housekeeping (Folker Meyer)	
	9:45-10:45	<i>Inspirational Talk</i> – “Understanding Microbial Evolution with a Trillion Base Pairs” (Jonathan Eisen)	
	10:45-11:15	Break	
	11:15-12:15pm	<i>Inspirational Talk</i> – “The Human Microbiome – Lessons from Half a Terabase” (Jeroen Raes)	
	12:15-2:15	Lunch Buffet	Creekside Terrace
	2:15-3:15	<i>Inspirational Talk</i> – “Genomes and Metagenomics –	Maybird Room

		Creating a Scaffold of Known Genomes” (led by Rachel Mackelprang)	
	3:15-3:45	Break	
	3:35-4:45	<i>Inspirational Talk – “Microbial Diversity – Singlecopy Marker Genes and a Trillion Base Pairs” (Rob Knight)</i>	
	4:45-6:45	<i>Breakout Session – “Viral/Microbial Interactions – Mapping Community Interaction using Terabase Pair Metagenomics” (led by Joel Kostka)</i>	Maybird Room, White Pine and Board Room available
	8-10p.m.	Dinner at hotel	Maybird Room
Thursday, July 22	9-9:30am	Coffee only	Maybird Room
	9:30-9:45	Introduction and Housekeeping (Jack Gilbert)	
	10-noon	<i>Breakout Session – “Microbial Population Genomics and the Pangenome” (Alexander Sczyrba)</i>	Maybird Room, White Pine and Board Room available
	Noon	Box Lunches Available	Maybird Room
	Noon-2pm	<i>Breakout Session – “Computational Requirements for Trillion Base Pair Metagenomics” (led by Folker Meyer)</i>	Maybird Room, White Pine and Board Room available
Friday, July 23	8:30-9am	Coffee Only	Maybird Room
	9-9:15	Introduction and Housekeeping (Folker Meyer)	
	9:15-10:15	<i>Breakout Session – “Defining the Questions” (led by Jack Gilbert and Folker Meyer)</i>	Maybird Room, White Pine and Board Room available
	10:15-10:45	Break	
	10:45-12:45pm	Project Planning Sessions	Maybird Room, White Pine and Board Room available
	12:45-1:45	Box Lunch	Wasatch B Room
	1:45-2:45	Project Reports by Project Leaders	
	2:45-3:30	Wrap-up – review and overview (Rick Stevens)	
	7:30-9:30	Dinner Buffet	Wasatch B Room
Saturday, July 24	7-9am	Breakfast Buffet	Maybird Room